

# NFRC Product Certification Authorization Report



**Manufacturer:** Acurlite Structural Skylights, Inc.    **Product Series:** Sloped Glazed Wall    **Simulation Lab:** SNCT    **Initial Cert. Date:** 01/29/2019  
**Street:** 1017 North Vine Street, PO Box 5    **Product Type:** SKSL    **Sim. Report #:** NCTL-110-20648-1E1A0    **Re-Certification Date:**  
**City/State/Zip:** Berwick, PA 18603    **Air Leakage:** ≤ 0.3    **Sim. Report Date:** 01/22/2019    **Revised Date:** 01/22/2019  
**Print Date:** 01/29/2019    **VR (Standard Screen):**    **Test Date:** 01/24/2018    **Expiration Date:** 01/24/2023  
**VR (Enhanced Screen):**

CPD Number: ACL-M-2															IA: National Accreditation And Management Institute
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.
	00001-00001	"6 mm Solarban? 70XL/ARG/6 mm Clear/ARG/Clear laminate (6mm +.060""PVB+6mm)"	AT/N	3	0.018(2)	0.559,0.559	A1-D	Fill 1: ARG/AIR(90/10) , Fill 2: ARG/AIR(90/10)	N		CL	0.40	0.23	0.47	47
	00002-00001	" 6 mm Solarban? 70XL/ARG/6 mm Solarban? 70XL/ARG/Clear laminate (6mm+.060""PVB+6mm)"	AT/N	3	0.018(2), 0.018(4)	0.559,0.559	A1-D	Fill 1: ARG/AIR(90/10) , Fill 2: ARG/AIR(90/10)	N		CL	0.35	0.21	0.38	47
	00003-00001	" 6 mm VNE163/ARG/6 mm Clear/ARG/Clear laminate (6mm +.060""PVB+6mm)"	AT/N	3	0.032(2)	0.559,0.559	A1-D	Fill 1: ARG/AIR(90/10) , Fill 2: ARG/AIR(90/10)	N		CL	0.40	0.24	0.46	47
	00004-00001	" 6 mm VNE163/ARG/6 mm Clear/ARG/Clear laminate (6mm +.060""PVB+6mm)"	AT/N	3	0.032(2)	0.559,0.559	ZF-S	Fill 1: ARG/AIR(90/10) , Fill 2: ARG/AIR(90/10)	N		CL	0.38	0.24	0.46	50
	00005-00001	" 6 mm VNE163/ARG/6 mm VNE163/ARG/Clear laminate (6mm +.060""PVB+6mm)"	AT/N	3	0.032(2), 0.032(4)	0.559,0.559	A1-D	Fill 1: ARG/AIR(90/10) , Fill 2: ARG/AIR(90/10)	N		CL	0.36	0.21	0.36	47
	00006-00001	" 6 mm VNE163/ARG/6 mm VNE163/ARG/Clear laminate (6mm +.060""PVB+6mm)"	AT/N	3	0.032(2), 0.032(4)	0.559,0.559	ZF-S	Fill 1: ARG/AIR(90/10) , Fill 2: ARG/AIR(90/10)	N		CL	0.33	0.21	0.36	50
	00007-00001	"6 mm Solarban? 60/AIR/Clear laminate (6mm+.060""PVB+6mm)"	AT/N	2	0.035(2)	0.603	A1-D	Fill 1: AIR(100)	N		CL	0.55	0.35	0.58	44
	00008-00001	" 6 mm Solarban? 60/ARG/Clear laminate (6mm+.060""PVB+6mm)"	AT/N	2	0.035(2)	0.603	A1-D	Fill 1: ARG/AIR(90/10)	N		CL	0.50	0.35	0.58	44
	00009-00001	6 mm Solarban? 60/ARG/6 mm Clear / 030 Artic Snow PVB - 030PVB / 6 mm Clear	AT/N	2	0.035(2)	0.603	A1-D	Fill 1: ARG/AIR(90/10)	N		CL	0.50	0.33	0.34	44
	00010-00001	6 mm Solarban? 60/ARG/6 mm Clear / 060PVB / 6 mm Energy Advantage	AT/N	2	0.035(2), 0.157(4)	0.603	A1-D	Fill 1: ARG/AIR(90/10)	N		CL	0.45	0.33	0.53	44
	00011-00001	" 6 mm VE12M/ARG/Clear laminate (6mm+.060""PVB+6mm)"	AT/N	2	0.04(2)	0.603	A1-D	Fill 1: ARG/AIR(90/10)	N		CL	0.50	0.34	0.58	44
	00012-00001	" 6 mm VE12M/ARG/Clear laminate (6mm+.060""PVB+6mm)"	AT/N	2	0.04(2)	0.603	ZF-S	Fill 1: ARG/AIR(90/10)	N		CL	0.48	0.34	0.58	47
	00013-00001	" 6 mm SunGuard? SuperNeutral 68 /ARG/Clear laminate (6mm+.060""PVB+6mm)"	AT/N	2	0.039(2)	0.603	A1-D	Fill 1: ARG/AIR(90/10)	N		CL	0.50	0.34	0.55	44

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Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00014-00001	"6 mm Solarban? 70XL/AIR/Clear laminate (6mm+.060""PVB+6mm)"	AT/N	2	0.018(2)	0.603	A1-D	Fill 1: AIR(100)	N		CL	0.54	0.25	0.52	44	
	00015-00001	" 6 mm Solarban? 70XL/ARG/Clear laminate (6mm+.060""PVB+6mm)"	AT/N	2	0.018(2)	0.603	A1-D	Fill 1: ARG/AIR(90/10)	N		CL	0.49	0.25	0.52	44	
	00016-00001	6 mm Solarban? 70XL/ARG/6 mm Clear / 030 Artic Snow PVB - 030PVB / 6 mm Clear	AT/N	2	0.018(2)	0.603	A1-D	Fill 1: ARG/AIR(90/10)	N		CL	0.49	0.24	0.31	44	
	00017-00001	6 mm Solarban? 70XL/ARG/6 mm Clear / 060PVB / 6 mm Energy Advantage	AT/N	2	0.018(2), 0.157(4)	0.603	A1-D	Fill 1: ARG/AIR(90/10)	N		CL	0.45	0.24	0.48	44	
	00018-00001	" 6 mm Solarban? 70XL/ARG/Clear laminate (6mm+.060""PVB+6mm)"	AT/N	2	0.018(2)	0.603	TS-D	Fill 1: ARG/AIR(90/10)	N		CL	0.47	0.25	0.52	47	
	00019-00001	" 6 mm Solarban? 70XL/ARG/Clear laminate (6mm+.060""PVB+6mm)"	AT/N	2	0.018(2)	0.603	ZF-D	Fill 1: ARG/AIR(90/10)	N		CL	0.47	0.25	0.52	48	
	00020-00001	" 6 mm VNE163/ARG/Clear laminate (6mm+.060""PVB+6mm)"	AT/N	2	0.032(2)	0.603	A1-D	Fill 1: ARG/AIR(90/10)	N		CL	0.50	0.26	0.51	44	
	00021-00001	" 6 mm VNE163/ARG/Clear laminate (6mm+.060""PVB+6mm)"	AT/N	2	0.032(2)	0.603	ZF-S	Fill 1: ARG/AIR(90/10)	N		CL	0.48	0.26	0.51	47	
	00022-00001	" 6 mm SunGuard? SNX 62/27/ARG/Clear laminate (6mm+.060""PVB+6mm)"	AT/N	2	0.02(2)	0.603	A1-D	Fill 1: ARG/AIR(90/10)	N		CL	0.49	0.25	0.50	44	
	00023-00001	" 6 mm Solarban? 90/ARG/Clear laminate (6mm+.060""PVB+6mm)"	AT/N	2	0.023(2)	0.603	A1-D	Fill 1: ARG/AIR(90/10)	N		CL	0.50	0.22	0.42	44	
	00024-00001	" 6 mm VNE153/ARG/Clear laminate (6mm+.060""PVB+6mm)"	AT/N	2	0.023(2)	0.603	A1-D	Fill 1: ARG/AIR(90/10)	N		OT	0.50	0.22	0.40	44	
	00025-00001	" 6 mm VNE153/ARG/Clear laminate (6mm+.060""PVB+6mm)"	AT/N	2	0.023(2)	0.603	ZF-S	Fill 1: ARG/AIR(90/10)	N		OT	0.48	0.22	0.40	47	
	00026-00001	" 6 mm SunGuard? SNX 51/23/ARG/Clear laminate (6mm+.060""PVB+6mm)"	AT/N	2	0.021(2)	0.603	A1-D	Fill 1: ARG/AIR(90/10)	N		CL	0.49	0.22	0.41	44	
	00027-00001	"6 mm Solarban? R100/ARG/Clear laminate (6mm+.060""PVB+6mm)"	AT/N	2	0.036(2)	0.603	A1-D	Fill 1: ARG/AIR(90/10)	N		CL	0.50	0.22	0.34	44	
	00028-00001	" 6 mm VRE138/ARG/Clear laminate (6mm+.060""PVB+6mm)"	AT/N	2	0.043(2)	0.603	A1-D	Fill 1: ARG/AIR(90/10)	N		SR	0.50	0.22	0.30	44	

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**VR (Enhanced Screen):**

CPD Number: ACL-M-2

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Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.
	00029-00001	" 6 mm VRE138/ARG/Clear laminate (6mm+.060""PVB+6mm)"	AT/N	2	0.043(2)	0.603	ZF-S	Fill 1: ARG/AIR(90/10)	N		SR	0.48	0.22	0.30	47
	00030-00001	" 6 mm SunGuard? AG 43/ARG/Clear laminate (6mm+.060""PVB+6mm)"	AT/N	2	0.067(2)	0.603	A1-D	Fill 1: ARG/AIR(90/10)	N		CL	0.51	0.28	0.35	44
	00031-00001	"6 mm Solarban? 60 on Solargray?/ARG/Clear laminate (6mm+.060""PVB+6mm)"	AT/N	2	0.035(2)	0.603	A1-D	Fill 1: ARG/AIR(90/10)	N		GY	0.50	0.24	0.29	44
	00032-00001	" 6 mm Solarban? 70XL on Solargray?/ARG/Clear laminate (6mm+.060""PVB+6mm)"	AT/N	2	0.018(2)	0.603	A1-D	Fill 1: ARG/AIR(90/10)	N		GY	0.49	0.19	0.27	44
	00033-00001	" 6 mm Solarban? z50 on Optiblu?/ARG/Clear laminate (6mm+.060""PVB+6mm)"	AT/N	2	0.035(2)	0.603	A1-D	Fill 1: ARG/AIR(90/10)	N		CL	0.50	0.30	0.42	44
	00034-00001	"Clear laminate (6mm+.060""PVB+6mm)"	AT/N	1			N		N		CL	1.11	0.66	0.73	18
	00035-00001	6mm Solarban? 70XL / 060PVB / 6 mm Clear	AT/N	1			N		N		CL	1.11	0.29	0.51	18

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**Baseline Information**

<b>Test Lab</b>	<b>Test Date</b>	<b>Test Size</b>	<b>Tested U-Value</b>	<b>Standard U-Value</b>	<b>Test Report Number</b>
<b>TNCT</b>	<b>01/24/2018</b>	2007 mm x 2007 mm	0.410	0.390	NCTL-110-20649-1

**Comments:** 110-20649-2 Air Leakage Rpt.

I hereby certify that all requirements for NFRC Certification Authorization have been met and that the above information is true and correct, to the best of my knowledge.

Authorized IA  
Signature: \_\_\_\_\_

